

SOLAR RADIO NOISE STORM AT 164 MHZ

FROM NANÇAY RADIOPHOTOGRAPH

JULY 2004

	HELIOPHYSIC POSITION MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	DAY	E-W	S-N	START(UT)	END(UT)
03/07/04	+0.08	-0.10	I	11H34	15H26 D
04/07/04	+0.25	-0.08	I	8H25 E	15H26 D
10/07/04	-0.73	-0.30	I	8H26 E	15H27 D
12/07/04	-1.42	-0.21	I	8H25 E	15H25 D
13/07/04	+0.83	+0.26	I	8H52 E	13H10
14/07/04	-1.06	+0.79	I	13H48	15H27 D
14/07/04	+1.16	+0.26	I	8H26 E	13H16
15/07/04	-1.33	+0.32	I	9H24 E	15H27 D
16/07/04	-1.25	+0.41	II	8H26 E	10H52 D
19/07/04	-1.30	+0.26	III	12H02	14H49
19/07/04	-1.28	+0.53	IV	8H26 E	15H28 D
19/07/04	-0.70	-0.43	III	8H26 E	15H28 D
19/07/04	-0.70	+0.60	III	8H26 E	15H28 D
19/07/04	-0.62	+0.10	III	13H08	15H28 D
20/07/04	-0.45	+0.02	V	8H26 E	15H28 D
20/07/04	-0.37	+0.37	V	12H32	14H15
21/07/04	-0.28	+0.00	IV	8H26 E	15H24 D
21/07/04	-0.26	-0.37	IV	8H26 E	15H24 D
21/07/04	+0.08	-0.24	IV	8H26 E	15H24 D
22/07/04	-0.64	-0.08	V	8H26 E	15H08 D
22/07/04	-0.05	+0.01	V	8H26 E	15H08 D
23/07/04	-0.32	+0.07	IV	8H26 E	15H23 D
23/07/04	+0.16	-0.08	V	8H26 E	15H23 D
24/07/04	+0.58	-0.02	V	8H26 E	15H27 D
25/07/04	+1.00	-0.35	II	8H26 E	13H40
25/07/04	+1.05	+0.11	III	8H26 E	15H27 D
26/07/04	+0.96	-0.40	II	8H26 E	14H40 D
26/07/04	+1.26	-0.12	I	8H26 E	14H40 D
26/07/04	+1.33	+0.43	I	8H26 E	14H40 D
27/07/04	+1.51	-0.21	III	8H30 E	14H14 D
28/07/04	+1.48	+0.38	II	8H37 E	13H02 D
29/07/04	+1.51	+0.03	III	8H27 E	15H28 D
30/07/04	-1.05	-0.13	I	8H27 E	15H28 D
31/07/07	-1.14	-0.39	I	8H27 E	15H28 D

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT² IMP1: FLUX< 5 SFU IMP2: 5< FLUX < 20 SFU IMP3: 20< FLUX <100 SFU

IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

**SOLAR RADIO NOISE STORM AT 327 MHZ
FROM NANÇAY RADIOPHOTOGRAPH**
JULY 2004

DAY	HELIOPHYSIC POSITION MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
03/07/04	+0.12	+0.02	I	8H25 E	11H34
03/07/04	+0.14	-0.09	I	8H25 E	15H26 D
04/07/04	+0.41	+0.10	I	8H25 E	15H26 D
04/07/04	+0.41	-0.03	I	8H25 E	15H26 D
07/07/04	-1.02	-0.14	I	8H24 E	15H26 D
13/07/04	+0.31	-0.20	I	8H52 E	15H27 D
13/07/04	+0.81	+0.27	I	8H52 E	15H27 D
14/07/04	+0.53	-0.18	I	8H26 E	15H27 D
14/07/04	+1.12	+0.26	I	8H26 E	15H27 D
15/07/04	-1.16	+0.40	I	9H24 E	15H27 D
15/07/04	+1.23	+0.30	I	9H24 E	15H27 D
16/07/04	-1.12	+0.41	II	8H26 E	10H52 D
19/07/04	-1.29	+0.15	II	8H26 E	13H58
19/07/04	-0.65	-0.05	II	8H26 E	15H28 D
19/07/04	-0.49	-0.34	II	8H26 E	15H28 D
20/07/04	-0.50	+0.04	IV	8H26 E	15H28 D
21/07/04	-0.26	-0.17	IV	8H26 E	15H24 D
21/07/04	-0.29	+0.01	III	8H26 E	15H24 D
22/07/04	-0.39	+0.20	III	8H26 E	15H08 D
22/07/04	-0.06	+0.06	V	8H26 E	15H08 D
23/07/04	-0.27	+0.21	II	8H26 E	15H23 D
23/07/04	+0.21	-0.02	III	8H26 E	15H23 D
24/07/04	+0.02	+0.23	I	8H26 E	15H27 D
24/07/04	+0.54	-0.01	III	8H26 E	11H55
25/07/04	+0.83	-0.07	II	12H20	15H27 D
25/07/04	+0.87	+0.09	II	8H26 E	15H27 D
25/07/04	+0.92	-0.11	II	8H26 E	15H27 D
26/07/04	+1.03	-0.03	I	8H26 E	14H40 D
27/07/04	-0.65	+0.12	I	8H30 E	14H14 D
27/07/04	+1.12	-0.13	I	8H30 E	14H14 D
28/07/04	+1.13	-0.30	I	8H37 E	13H02 D
28/07/04	+1.29	+0.24	I	8H37 E	13H02 D
29/07/04	+1.27	-0.06	II	8H27 E	15H28 D
30/07/04	-1.08	-0.17	I	8H27 E	15H28 D
30/07/04	+1.23	-0.14	I	8H27 E	15H28 D
31/07/04	-1.04	-0.25	I	8H27 E	15H28 D
31/07/04	-0.82	-0.25	I	8H27 E	15H28 D

17, 18 JULY : NO DATA

OTHERS DAYS: NO DETECTABLE NOISE STORM

- * For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day.
Without a more detailed analysis leading to decreased uncertainties in the deviation, the positions indicated are estimated within 0.2 R
- ** Following a large burst

*** importance not well determined due to the proximity of another very strong source

**** no flux measurements available